

BLAH - POTW PRETREATMENT ANNUAL REPORT

CITY OF GLENDALE, ARIZONA

COVER SHEET

NPDES Permit Holder: City of Phoenix, Arizona

Period Covered by this Report: 01-01-01 through 12-31-01

Name of Wastewater Treatment Plant: 91st Avenue WWTP

NPDES Permit Number: AZ0020524

Person to Contact Concerning City of Glendale Information Contained in the Report:

**John Watkins
Pretreatment Officer
West Area Water Reclamation Facility
5901 N. Glen Harbor Blvd
Glendale, Arizona 85307
623-930-4758**

As required by 40 C.F.R. Section 122.22(b)(2):

I certify under penalty of law that all CITY OF GLENDALE attachments contained in this document were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Date

**Chris Ochs, Acting Director of Utilities,
City of Glendale, Arizona**

CITY OF GLENDALE
PRETREATMENT PERFORMANCE SUMMARY

I. General Information							
Control Authority Name: CITY OF GLENDALE			NPDES No.: AZ0020524 (City of Phoenix)				
Address: 5901 N. Glen Harbor		City: Glendale		State: Arizona		ZIP: 85307	
Contact Person: John Watkins				Contact Telephone Number: (623) 930-4758			
Reporting Period: 01-01-01 to 12-31-01		Categorical IUs: 2		Significant Noncategorical IUs: 1			
II. Significant Industrial User Compliance							
		Categorical		Noncategorical		Total SIUs	
		No.	%	No.	%	No.	%
1.	No. of SIUs in Full Compliance	0	0	1	100	1	33
2.	No. of SIUs in Inconsistent Compliance	2	100	0	0	2	67
3.	No. of SIUs in Significant NonCompliance	0	0	0	0	0	0
4.	No. of Parameter Violations	4		0		4	
5.	No. of Reporting Violations	0		0		0	
6.	No. of Permit Condition Violations	0		0		0	
III. Compliance Monitoring Program							
		Categorical		Noncategorical		Total SIUs	
1.	No. of Control Documents Issued	0		1		1	
2.	No. of Nonsampling Inspections Conducted	2		1		3	
3.	No. of Facilities Inspected (Nonsampling)	2		1		3	
4.	No. of Sampling Visits Conducted	11		2		13	
5.	No. of Facilities Sampled	2		1		3	
IV. Enforcement Actions							
		Categorical		Noncategorical		Total SIUs	
1.	Notices of Violations Issued to SIUs	2		0		2	
2.	Temporary Increase in IU Self Monitoring	2		0		2	
3.	Administrative Orders Issued to SIUs	0		0		0	
4.	Compliance Schedules Issued	0		0		0	
5.	Settlement Agreements	0		0		0	
6.	Other Actions	0		0		0	
7.	Amount of Penalties Collected	\$ 0/0		\$ 0/0		\$ 0/0	

CITY OF GLENDALE
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: American Pumping Service, Inc.		REPORT PERIOD: 01/01/01 to 12/31/01	
SERVICE ADDRESS: 6515 West Northview Glendale, Arizona 85301		MAILING ADDRESS: P.O. Box 6899 Glendale, Arizona 85312	
CATEGORICAL USER? No	40 CFR	LIMITS APPENDIX:	BMR SUBMITTED: N/A
TTO CERTIFICATION DATE SUBMITTED: N/A	PERMIT EFFECTIVE: 04/15/01	PERMIT EXPIRES: 04/14/2004	
SAMPLING LOCATION VERIFIED ON: 11/8/00		RCRA NOTICE:	
SLUG CONTROL PLAN EVALUATION DATE: N/A			

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0		
Number of City Sampling Days	2	0		
Number of IU Sampling Days	1	0		
Number of Parameter Violations	0	0		
Number of Inspection Violations	0	0		
Number of Reporting Violations	0	0		
Number of Permit Cond. Violations	0	0		
Compliance Status	C	C		
Evaluated as of:	7/9/01	7/9/01		

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant NonCompliance
 If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit	Number of Measurements per Quarter

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Enforcement Status	N	N		

Enforcement Status Codes

A - Notice of Violation (NOV)
 B - Administrative Order (AO)
 C - Civil Action Filed
 D - Criminal Action Filed
 E - Pretreatment Settlement Agreement (PSA)

F - Assessment Monetary Penalties
 G - Restriction of Flow
 H - Permit Revocation
 I - Compliance Schedule Issued

J - Disconnection from Sewer
 K - Published in Newspaper as Significant Violator in Previous Year (SNC)
 L - Temporary Increase in IU Self Monitoring (TISM)
 N - No Enforcement Action

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: American Pumping Service, Inc.

Process Flow: 4,995gal/day, (2 - 3 batches /day)

General Information and type of wastewater treatment	American Pumping was issued an industrial discharge permit in April, 1997 and became fully operational in July, 1997. Their pretreatment system is a non hazardous liquid waste dewatering system that consists of lime conditioning, polymer addition, and belt press dewatering. They batch treat and discharge an average of 4,995 gallons per day, 20 days per month.
First Quarter	No enforcement actions this quarter. City personnel sampled this facility 2 days in March and inspected them March 5. American Pumping monitors pH weekly and monitors flow daily during batch discharges,
Second Quarter	No enforcement actions this quarter
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper as a significant violator? ____ Yes X No

Penalties this reporting Year: Assessed \$ -0- / Collected \$ -0-

CITY OF GLENDALE

SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Gilbert Engineering Company Incorporated				REPORT PERIOD: 01/01/01 to 12/31/01	
SERVICE ADDRESS: 5310 West Camelback Road Glendale Arizona 85301			MAILING ADDRESS: P.O. Box 23189 Phoenix, Arizona 85063		
CATEGORICAL USER? Yes	40 CFR	433.15	LIMITS APPENDIX:		BMR SUBMITTED: 08-21-84
TTO CERTIFICATION DATE SUBMITTED: 9/21/00			PERMIT EFFECTIVE: 6/27/00		PERMIT EXPIRES: 12/31/02
SAMPLING LOCATION VERIFIED ON: 4/12/00			RCRA NOTICE: 06-08-90		
SLUG CONTROL PLAN EVALUATION DATE: 9/21/00					

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0		
Number of City Sampling Days	4	4		
Number of IU Sampling Days	11	7		
Number of Parameter Violations	2	0		
Number of Inspection Violations	0	0		
Number of Reporting Violations	0	0		
Number of Permit Cond. Violations	0	0		
Compliance Status	I	C		
Evaluated as of:	7/9/01	7/9/01		

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant NonCompliance

If company is in I or S, then the following table applies

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City of IU	Parameter	Value / Limit	Number of Measurements per Quarter
1	Limits	Jan 22 Jan 23	Grab	City	City	Sulfides	38mg/L / 10 13 mg/L / 10	5

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Enforcement Status	N	A,L		

Enforcement Status Codes

A - Notice of Violation (NOV)
B - Administrative Order (AO)
C - Civil Action Filed
D - Criminal Action Filed

F - Monetary Penalties Assessed
G - Restriction of Flow
H - Revocation of Permit
I - Compliance Schedule Issued

K - Published in Newspaper as Significant Violator (SNC)
in Prior Year
L - Temporary Increase in Self Monitoring (TISM)
N - No Enforcement Action

ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Gilbert Engineering Company Incorporated
 Process Flow: 62,084 GPD (Average)

General Information and type of wastewater treatment
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This facility manufactures coaxial cable connectors. Pretreatment consists of hydroxide precipitation, chemical oxidation, stream segregation, filtration, sedimentation, and pH neutralization. Gilbert monitors flow and pH on a daily basis. They are currently in the process of upgrading their pretreatment system to include ultrafiltration with plans to reuse some of their discharge water. Gilbert Engineering was purchased by the Corning Corporation and now goes by the company name Corning Gilbert. Flows had increased last year due to increased production but have since declined with a production slow-down.

First Quarter

No enforcement action this quarter.
 City personnel inspected this facility January 22 and sampled them 4 days in January and 4 days in April.

Second Quarter

A NOV was issued April 2 for total sulfides violations during City sampling performed January 22 and 23. The sample results were 38mg/L and 13 mg/L respectively with a permit limit of 10mg/L. Subsequently 4 weekly TISM samples by Corning Gilbert in April indicated all results were below 0.1 mg/L. No further action is warranted.

Third Quarter

Fourth Quarter

To be published for this year in newspaper as a significant violator? Yes X No

Penalties this reporting Year: Assessed \$ -0- / Collected \$ -0-

CITY OF GLENDALE

SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT

NAME: Presto Casting Company				REPORT PERIOD: 01/01/01 to 6/30/01	
SERVICE ADDRESS: 5440 West Missouri Ave. Glendale Arizona 85301			MAILING ADDRESS: P.O. Box 1059 Glendale, Arizona 85311		
CATEGORICAL USER? Yes	40 CFR	433.15	LIMITS APPENDIX:		BMR SUBMITTED: 12/29/88
TTO CERTIFICATION DATE SUBMITTED: NA			PERMIT EFFECTIVE: 6/28/00		PERMIT EXPIRES: 12/31/02
SAMPLING LOCATION VERIFIED ON: 10/23/00			RCRA NOTICE: 06-08-90		
SLUG CONTROL PLAN EVALUATION DATE: 9/29/00					

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0		
Number of City Sampling Days	3	0		
Number of IU Sampling Days	3	1		
Number of Parameter Violations	2	0		
Number of Inspection Violations	0	0		
Number of Reporting Violations	0	0		
Number of Permit Cond. Violations	0	0		
Compliance Status	I	C		
Evaluated as of:	7/9/01	7/9/01		

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant NonCompliance
 If company is in I or S, then the following table applies

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City of IU	Parameter	Value / Limit	Number of Measurements per Quarter
1	Limits	1/10/01 1/12/01	Grab	City	City	TPH	120mg/L / 100 150 mg/L / 100	4

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Enforcement Status	N	A,L		

Enforcement Status Codes

A - Notice of Violation (NOV) B - Administrative Order (AO) C - Civil Action Filed D - Criminal Action Filed	F - Monetary Penalties Assessed G - Restriction of Flow H - Revocation of Permit I - Compliance Schedule Issued	K - Published in Newspaper as Significant Violator (SNC) in Prior Year L - Temporary Increase in Self Monitoring (TISM) N - No Enforcement Action
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ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Presto Casting Company
Process Flow: 18,834 GPD (Average)

General Information and type of wastewater treatment	
<p>This facility produces aluminum and magnesium parts by casting. Pretreatment system consists of treating chrome rinse water by reducing chrome III with SO₂, neutralizing then sending through a filter press. Non chrome rinse baths are batch reduced then released. There is no discharge to sewer from their casting quench operation. Flow and pH are monitored on a continuous basis.</p>	
First Quarter	
<p>Presto Casting was inspected by the City on 1/8/01 and sampled 1/9-11/01 Sampling vault modifications to correct flow metering inaccuracies as previously requested by the City were completed 1/31/01.</p>	
Second Quarter	
<p>Presto Casting was issued a NOV on April 2 for TPH violations indicated during the City sampling performed January 10 and 12. A follow-up report from Presto Casting on May 24 indicated 5 weekly samples for TPH taken in April were below permit limits.</p>	
Third Quarter	
Fourth Quarter	

To be published for this year in newspaper as a significant violator? ____ Yes X No
Penalties this reporting Year: Assessed \$ 0 / Collected \$ 0

Glendale Pretreatment Program
Significant Industrial Users (SIU)

American Pumping Company

7220 N. 65th Avenue

Glendale, Arizona 85301

Signatory: Perry French, Owner

Contact: Perry French

Phone: 602-252-8111

Local Limits Only

SIC: 7699,1711

Gilbert Engineering Company, Inc.

5310 West Camelback Road

Glendale, AZ 85301

Signatory: Ms. Ann Skanadore, Laboratory Director

Contact: Mr. Dan Reeves

phone: 602-245-1050

40 CFR 433, Local Limits

SIC: 3644, 3471

Presto Casting Company

5440 West Missouri Ave

Glendale, AZ 85301

Signatory: Mr. Lawrence Herman, VP & General Manager

Contact: Mr. Mark Amick, EHS Coordinator

phone: 602-939-9441

40 CFR 433, Local Limits

SIC: 3361, 3479

Updated 1-31-02



City of Glendale

Pretreatment Program

Pollution Prevention Through Point Source Control Measures

NPDES Annual Progress Report: January 1, 2001 through December 31, 2001

Introduction

Section C.1 of the National Pollutant Discharge Elimination System (NPDES) Permit No. AZ0020524 requires Sub-Regional Operating Group (SROG) member cities to submit progress reports detailing efforts pertaining to pollution prevention through point source control measures. The City of Glendale's efforts are summarized below.

Point Source Control Program

Pollutants of Concern:

Businesses that have the potential to discharge pollutants of concern have been found in 52 different SIC code designations within the City of Glendale. Our revised database indicates a total of 1343 such businesses within the City of Glendale.

Pollution prevention inspections were performed at 297 businesses during the first half of 2001. Educational materials regarding waste minimization and pollution prevention were handed out during those inspections. We have expanded our commercial inspection activities to include all businesses with pollutants of concern.

Oil & Grease Program:

Our database currently identifies 593 restaurants, taverns and other eating establishments that have oil and grease discharges and thus receives periodic inspections by the City. So far this reporting year there have been 43 grease trap inspections performed.

Significant Industrial Users (SIUs):

Semi-annual sampling is routinely conducted each year at American Pumping, Gilbert Engineering, and Presto Casting Company. These businesses are also inspected on an annual basis to ensure compliance with industrial discharge permit requirements. Annual inspections are also conducted at Stone Container, Thunderbird Samaritan Hospital, and Gaylord Container. National Flight is inspected annually to verify zero discharge since this industry would be considered a significant industrial user if they were discharging process wastewater.

Domestic Site Sampling

Sampling was performed at our domestic site location at 65th Avenue and Onyx Street on February 22 and 23 so far this year. This is a long term and ongoing sampling program in which the data collected will be utilized for local limit development and to assess the domestic contribution of pollutants into our wastewater systems.

SROG Participation

The Glendale Pretreatment Officer continues to participate in monthly SROG TAC (Technical Advisory Committee) meetings held at the AMWUA offices in Phoenix and currently serves as Chairman of this committee. He also attends periodic meetings regarding the 91st Ave POTW Metering Stations Impact Study held at the City of Phoenix complex.

Training Seminars Attended By Pretreatment Personnel

- City of Glendale annual refresher courses in confined space, respirator certification, environmental awareness, hazard communications, hazardous materials transportation, laboratory safety, and process safety
- 8 hour Hazwoper refresher class
- Annual AWPCA conference

Education / Outreach

A Pretreatment Program website is available through the City of Glendale Homepage at the internet address: **www.ci.glendale.az.us/localgov/utilities/pretreatment/**

During business inspections we are handing out brochures entitled *Pollution Prevention for Automotive Maintenance and Repair Shops*, *Pocketguide to Grease Traps and Interceptors for Eating Establishments*, and the *ADEQ Managing Hazardous Waste Handbook*.

Two Pretreatment Inspectors participated in the Dysart High School Career Day on April 3. They discussed careers in the water and wastewater industry and handed literature related to same.

CITY OF GLENDALE

SUMMARY OF PRETREATMENT PROGRAM EXPENDITURES

Total Expenditures Budget Year 2001: \$ 311,212

PRETREATMENT PROGRAM PERSONNEL

Pretreatment Program Officer	1 FTE
Pretreatment Program Inspector	4 FTE

PRETREATMENT PROGRAM EXPENDITURES

Computer Upgrades & Equipment	\$ 7,210
Chemicals, Sampling Supplies	\$ 17,756
Office Supplies	\$ 2,502
Laboratory Analysis	\$ 52,859
Inspector Vehicle	\$ 15,500
Maintenance	\$ 5,064
Personnel Expenses	\$ 174,492

CITY OF GLENDALE

PRETREATMENT PROGRAM CHANGES AND OTHER ACTIVITIES

NPDES ANNUAL REPORT 2001

PUBLIC PARTICIPATION

A Pretreatment Program website is available for public consideration on the City of Glendale homepage at the internet address: <http://www.ci.glendale.az.us/localgov/utilities/>. This site includes general program information, as well as, detailed information describing our significant user permitting program, our commercial / grease trap inspection program, a Glendale City Code link, Pretreatment Program forms, pollution prevention information, and links to other governmental and environmental sites.

Three Pretreatment Program brochures have been developed for distribution during facility inspections and for mailing to interested parties. One is a general informational brochure describing our Pretreatment Program. The second one is entitled '*Pocketguide to Grease Traps and Interceptors for Eating Establishments*' and the other is '*Pollution Prevention for Automotive Maintenance and Repair Shops*'. The later is a modification of the ADEQ brochure of the same name. We also distribute the ADEQ booklet '*Managing Hazardous Waste, A Handbook For Small Business*' during automotive facility inspections.

Household Hazardous Waste Collection Day was conducted March 18, 2000, at the City of Glendale Operations Center on Myrtle Avenue. The next Household Hazardous Waste Collection Day in Glendale will be March 17, 2001

STAFF CHANGES

Several personnel changes in our Pretreatment Program have occurred during this past year. One Pretreatment Inspector resigned in the first quarter, three were hired in the second quarter, one of those resigned in the third quarter and another resigned in the fourth quarter. This resulted in the end of year staff consisting of one Pretreatment Officer and two Inspectors out of four authorized inspectors.

OTHER CHANGES

The City of Glendale Pretreatment Program began stormwater related activities during this reporting year. This includes inspection of six City facilities, dry-weather sampling at six stormwater outfalls, illicit discharge investigations, and inspections at general industry facilities that filed an NOI with U.S. E.P.A.. Once the general industry facilities list is finalized it is estimated it will include approximately 200 facilities. We also discuss general stormwater regulations during our routine commercial inspections.